



[www.FGWilson.com](http://www.FGWilson.com)

# Modular Acoustic Enclosure

## 275 – 330 kVA Range

The innovative and functional design of the 275 – 330 kVA range enclosure ensures performance in the harshest of environments. Extremely durable and robust, the enclosure is designed to resist corrosion and handling damage with the ability to withstand rough handling common on many construction sites.

### Robust/Highly Corrosion Resistant Construction

- Galvanised steel construction further protected by polyester powder coat paint
- Base frame extends beyond enclosure protecting against handling damage
- Reinforced lap roof joints protecting against water ingress
- Black finish stainless steel locks and hinges
- Zinc plated / stainless steel fasteners
- Corner posts manufactured from high grade composite material

### Security and Safety

- Control panel viewing window in a lockable access door
- Emergency stop push button (red) mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill and battery can only be reached via lockable access doors
- Exhaust silencing system totally enclosed for operator safety



Developed through continuing research and development by our specialist engineers, all FG Wilson enclosures are fully weatherproof incorporating internally mounted exhaust silencers. Designed on modular principles, they have interchangeable components permitting on site repair.

### Excellent Service and Maintenance Access

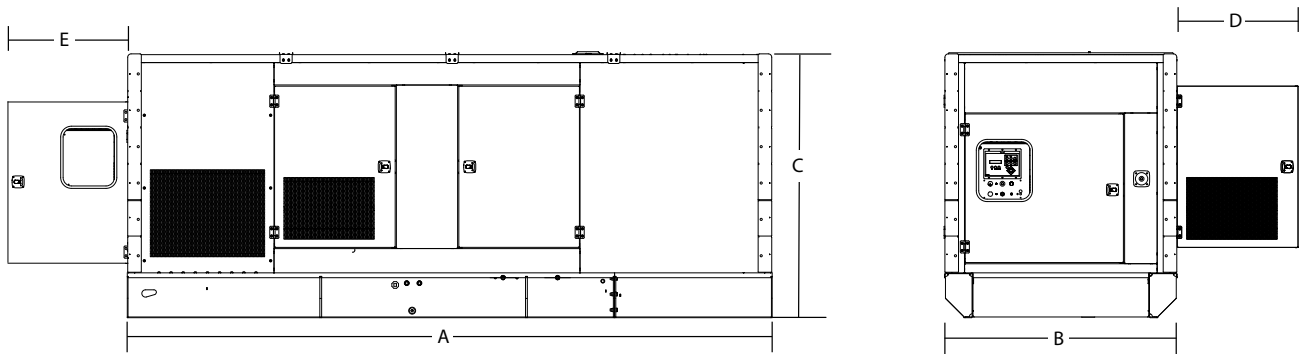
- Large side hinged doors on both sides of enclosure providing optimal access
- Retaining bars securing door positions during servicing
- Removable ducts providing maintenance access with enclosure in place
- Lube oil and coolant drain valves

### Transportability

- Optional tested and certified lifting arch
- Lifting and drag points on base frame facilitating handling from both sides

## Sound Pressure Levels (dBA) – CAE

		50 Hz						60 Hz					
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
Generating Set Model		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
P300H-1	Prime	66.5	67.1	72.5	73.1	83.2	83.9	70.4	70.9	76.4	76.9	86.9	87.7
	Standby	66.7	67.3	72.7	73.3	83.4	84.3	70.5	71.1	76.5	77.1	87.1	88.0
P330H-1	Prime	66.6	67.0	72.6	73.0	84.2	84.8	-	-	-	-	-	-
	Standby	66.7	67.1	72.7	73.1	84.4	85.0	-	-	-	-	-	-



## Dimensions and Weights – CAE

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	E: mm (in)	Weight: kg (lb)	Fuel Tank Fillable Capacity l (US gal)
P300H-1	3985 (156.9)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3158 (6962)	699 (185)
P330H-1	3985 (156.9)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3430 (7562)	699 (185)

Weight with lube oil and coolant, no fuel.

\* Clearance required on both sides

## FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network.

To contact your local Sales Office please visit the FG Wilson website at [www.FGWilson.com](http://www.FGWilson.com).

FG Wilson is a trading name of Caterpillar (NI) Limited.

In line with our policy of continuous product development, we reserve the right to change specification without notice.

275-330kVAEnclosure/0613/GB